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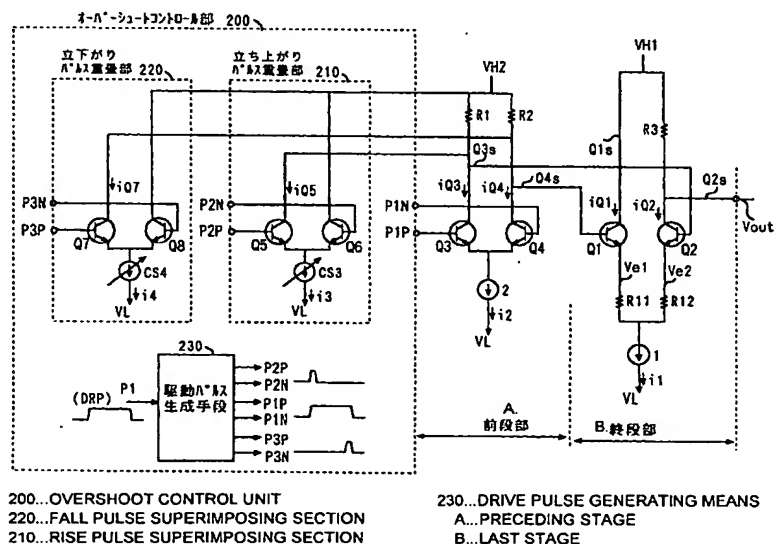
PCT

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- (71) 出願人 (米国を除く全ての指定国について): 株式会社アドバンテスト (ADVANTEST CORPORATION)
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(75) 発明者/出願人 (米国についてのみ): 小島 昭二 (KOJIMA, Shoji) [JP/JP]; 〒370-0718 群馬県邑楽郡明和町大輪336-1 株式会社アドバンテスト内 Gunma (JP).
- (81) 指定国 (国内): JP, US.
- 添付公開書類:
— 国際調査報告書
- 2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: SEMICONDUCTOR TESTER

(54) 発明の名称: 半導体試験装置



(57) Abstract: A semiconductor tester comprising a driver circuit for generating a predetermined driver waveform without using a coil device. The driver circuit provided in a pin electronics receives a waveform-shaped signal to be supplied to an IC pin of a device under test (DUT) and converts the amplitude to an amplitude of predetermined level. The driver output pulse outputted from the output terminal of the driver and having the converted amplitude is supplied to the IC pin of the DUT. The tester has pulse compensating means for compensating the individual waveforms of the rising and falling edges of the driver output pulse in a predetermined way.

[続葉有]

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/12123

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G01R31/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G01R31/28, H04L25/03Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2003
Kokai Jitsuyo Shinan Koho 1971-2003 Toroku Jitsuyo Shinan Koho 1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 8-242151 A (Hitachi, Ltd.), 17 September, 1996 (17.09.96), Full text; all drawings (Family: none)	1-4
X	JP 4-189051 A (Hitachi, Ltd.), 07 July, 1992 (07.07.92), Full text; all drawings (Family: none)	1, 2

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
18 February, 2003 (18.02.03)Date of mailing of the international search report
04 March, 2003 (04.03.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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